



Figure 8. Spatial distribution of the salinity anomaly showing the distribution of effluent plume during a period of weak alongshore flow during July 5-7, 2001. The effluent plume is clearly seen offshore and beneath 30 meters depth, centered on the outfall which is indicated by the green line extending from the beach to about 60 meters depth. The diffuser is the portion of the line underneath the offshore end of Tow 8. Another region of low salinity water is found at the surface nearshore. This water is runoff probably from Los Angeles and San Gabriel Rivers.